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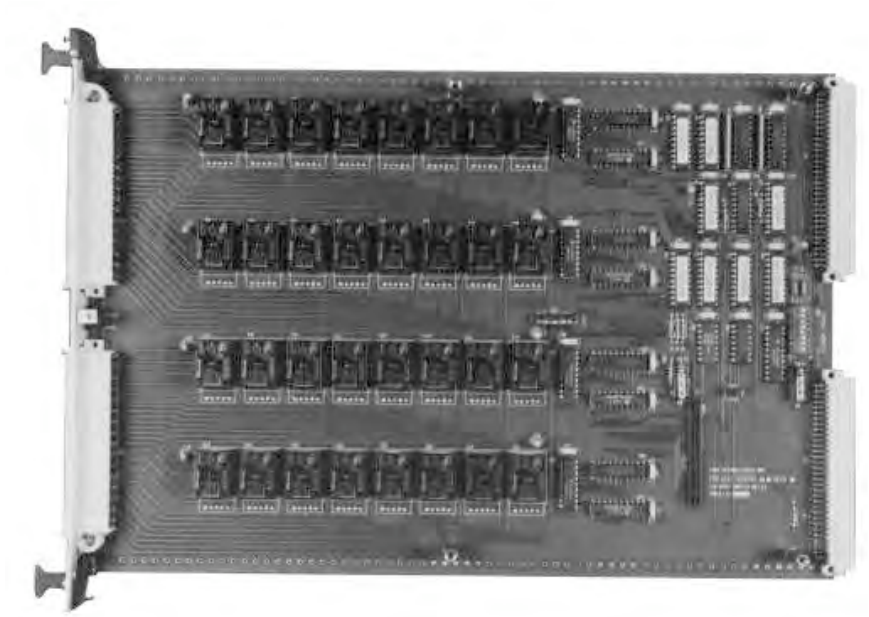

VX412C SPDT Switching Module

The VX412C is a C size, Register based switching card that provides 32 channels of 5A, Form-C switching. User connection to the module is through two (2) DIN 41612 Type F48M connectors. Normally closed, normally open and common terminals are provided for each of the non-latching relays. MODID and Board Select indicators are included. Module is equipped with BIT capability and shielding.

Specifications:

Maximum Input Voltage:
Terminal to Terminal:
250 Vdc or ac_{rms}
Terminal to Chassis:
250 Vdc or ac_{rms}

Maximum Switchable Voltage:
100 Vdc, 200 Vac_{rms}

Maximum Switchable Current:
(DC or AC_{rms}):

Per Contact:	5A
Per Module:	50A

Maximum Switchable Power:

Per Channel:	150W, 1250VA
Per Module:	1500W, 12500VA

Closed Channel Resistance:
Initially ≤ 0.1 Ω
(6Vdc @1A)

Insulation Resistance
(between any two points):
$>10^8\Omega$

Relay Life (operations):

No Load	1×10^7
250 Vac, 5A, Resistive	1×10^5

Relay Operative Time:

4 to 7 msec

Relay Release Time:

1 to 2 msec

Power Up/Down States:

Normally open contact is open.

Power: +5V @ 1.0A typical
+12V @ 1.5A typical

Ordering Information:

Description	Part Number
VX412C	11026205-0001
Locking Conn	See Accessories

VXIbus Compliance

Complies with ANSI/IEEE Std. 1014-1987 and VXIbus Rev 1.4

A16:D16 DTB Slave

Register based

No Interrupts

IACKIN tied to IACKOUT

BRX tied to BGX

Form Factor: Size C

Built-in test via register feedback

Applications

- Power Switching
- Control
- LF Signal Switching